Recombination Protein Recr (recR) Shigella Dysenteriae Serotype 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Recombination protein RecR (recR), Recombinant Protein
Full Product Name	Recombinant Shigella dysenteriae serotype 1 Recombination protein RecR (recR)
Product Gene Name	recR recombinant protein
Product Synonym Gene Name	recR
Sequence	MQTSPLLTQL MEALRCLSGV GPKSAQRMAF TLLQRDRSGG MRLAQALTRA MSEIGHCADC RTFTEQEVCN ICSNPRRQEN GQICVVESPA DIYAIEQTGQ FSGRYFVLMG HLSPLDGIGP DDIGLDRLEQ RLAEEKITEV ILATNPTVEG EATANYIAEL CAQYDVEASR IAHGVPVGGE LEMVDGTTLS HSLAGRHKIR F
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	21,953 Da
Sequence Positions	1-201, Full length
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q32J52
Species	Shigella dysenteriae serotype 1 (strain Sd197)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for recR recombinant protein	MBS1471434 is a recombinant protein targeting recR. Also known as Recombinant Shigella dysenteriae serotype 1 Recombination protein RecR (recR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of recR recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for recR. It may not necessarily be applicable to this product.

NCBI GI #	447117776
NCBI Accession #	WP_001195032.1
UniProt Primary Accession #	Q32J52
GenBank Nucleotide #	WP_001195032.1
NCBI Official Full Name	MULTISPECIES: recombination protein RecR
UniProt Protein Name	Recombination protein RecR

Protein Family	Recombination protein
UniProt Gene Name	recR
UniProt Comments for recR	May play a role in DNA repair. It seems to be involved in an RecBC-independent recombinational process of DNA repair. It may act with RecF and RecO.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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